

IN THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the Application:

LISTING OF CLAIMS:

1. (Currently amended) A system for determining performance of a technology based object oriented software component of an application under test in response to load, the system comprising:
 - a) coordination software;
 - b) at least one code generator, receiving as an input commands from the coordination software and having as an output client test code;
 - c) at least one test engine, receiving as an input commands from the coordination software, the test engine comprising a computer server having at least one software implementation of a byte code processor executing at least one instance of the client test code;
 - d) at least one data log having computerized memory, the memory holding timing data created by the instances of the client test code ; and
 - e) at least one data analyzer software, operatively connected to the data log, having an output that represents performance of the software component of the application under test in response to load.
2. (Currently amended) The system of claim 1 wherein said at least one software implementation of a byte code processor executes multiple threads, each thread comprising an instance of the client test code.
3. (Currently amended) The system of claim 2 wherein said at least one software implementation of a byte code processor is synchronized to start execution of an instance of the client test code with another of said at least one

software implementation of a byte code processor about to start execution an instance of the client test code.

4. (Currently amended) The system of claim 3 wherein the synchronization of at least one software implementation of a byte code processor to another of said at least one software implementation of a byte code processor is performed independently of the time set on each system.

5. (Currently amended) The system of claim 3 wherein said at least one software implementation of a byte code processor is set to start execution of the client test code a predetermined time after another of said at least one software implementation of a byte code processor is set to start execution of the ~~test client~~ client test code.

6. (Currently amended) The system of claim 2 wherein said at least one software implementation of a byte code processor is set to start execution of the client test code independent of another of said at least one software implementation of a byte code processor set to start execution of the client test code.

7. (Currently amended) A computer program product for determining performance of a technology based object oriented software component of an application under test in response to load, the computer program product comprising a computer usable medium having computer readable code thereon, including program code comprising:

- a) instructions for coordination software;
- b) instructions for at least one code generator, receiving as an input commands from the coordination software and having as an output client test code;

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c) instructions for at least one test engine, receiving as an input commands from the coordination software, the test engine comprising a computer server having at least one software implementation of a byte code processor executing at least one instance of the client test code;

d) instructions for providing at least one data log having computerized memory, the memory holding timing data created by the instances of the client test code; and

e) instructions for providing at least one data analyzer, operatively connected to the data log, having an output that represents performance of the object oriented software component of the application under test in response to load.

8. (Currently amended) The computer program product of claim 7 further comprising instructions for causing said at least one software implementation of a byte code processor to execute multiple threads, each thread comprising an instance of the client test code.

9. (Currently amended) The computer program product of claim 7 further comprising instructions for causing said at least one software implementation of a byte code processor to be synchronized to start execution of an instance of the client test code with another of said at least one software implementation of a byte code processor about to start execution an instance of the client test code.

10. (Currently amended) The computer program product of claim 9 further comprising instructions wherein the synchronization of at least one software implementation of a byte code processor to another of said at least one software implementation of a byte code processor is performed independently of the time set on each system.

11. (Currently amended) The computer program product of claim 9 further comprising instructions wherein said at least one software implementation of a byte code processor is set to start execution of the client test code a predetermined time after another of said at least one software implementation of a byte code processor is set to start execution of the test client code.

12. (Currently amended) The computer program product of claim 8 further comprising instructions wherein said at least one software implementation of a byte code processor is set to start execution of the client test code independent of another of said at least one software implementation of a byte code processor set to start execution of the client test code.

13-36. previously canceled